

# PREE\_Assignment

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```
library(tidyverse)
```

```
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
## v dplyr      1.1.3      v readr      2.1.4
## v forcats    1.0.0      v stringr   1.5.0
## v ggplot2    3.4.3      v tibble    3.2.1
## v lubridate  1.9.2      v tidyr     1.3.0
## v purrr      1.0.2
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

```
library(palmerpenguins)
library(grateful)
```

## Title

## Abstract

## Introduction

There are several efforts to study biodiversity and the effects of climate change in both patch and diversity indexes (Carey & Alexander, 2003; Cahill *et al.*, 2013; Harvey *et al.*, 2023).

## Methods

## Results

## Discussion

## References

```
cite_packages(output = "paragraph", out.dir = getwd())
```

We used R version 4.3.1 (R Core Team, 2023) and the following R packages: palmerpenguins v. 0.1.1 (Horst *et al.*, 2020), rmarkdown v. 2.24 (Xie *et al.*, 2018, 2020; Allaire *et al.*, 2023), tidyverse v. 2.0.0 (Wickham *et al.*, 2019).

## Tables

## Figure captions

## Figures

## Appendices

Allaire, J., Xie, Y., Dervieux, C., McPherson, J., Luraschi, J., Ushey, K., *et al.* (2023) *rmarkdown: Dynamic documents for r*.

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Carey, C. & Alexander, M.A. (2003) Climate change and amphibian declines: Is there a link? *Diversity and Distributions*, **9**, 111–121.

Harvey, J.A., Tougeron, K., Gols, R., Heinen, R., Abarca, M., Abram, P.K., *et al.* (2023) Scientists' warning on climate change and insects. *Ecological Monographs*, **93**.

Horst, A.M., Hill, A.P. & Gorman, K.B. (2020) *palmerpenguins: Palmer archipelago (antarctica) penguin data*.

R Core Team. (2023) *R: A language and environment for statistical computing*. R Foundation for Statistical Computing, Vienna, Austria.

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Xie, Y., Allaire, J.J. & Golemund, G. (2018) *R markdown: The definitive guide*. Chapman; Hall/CRC, Boca Raton, Florida.

Xie, Y., Dervieux, C. & Riederer, E. (2020) *R markdown cookbook*. Chapman; Hall/CRC, Boca Raton, Florida.